

A YEAR IN SPACE

1 x 56 HD



PBS
INTERNATIONAL

A YEAR IN SPACE

1 x 56 HD

CONTACT

Tom Koch, Vice President
PBS International
10 Guest Street
Boston, MA 02135 USA

TEL: 617-300-3893
FAX: 617-779-7900

jtkoch@pbs.org
pbsinternational.org

Astronaut Scott Kelly's 12-month stay on the International Space Station tested human limits for space travel and laid the groundwork for a manned mission to Mars. Despite the technological "comforts" of the International Space Station, a year in space has been described as the epitome of extreme, with extraordinarily high physical stakes.

A Year in Space also follows Mark Kelly, Scott's identical twin brother. In the Kelly brothers, NASA had a near-perfect, two person sample group for biomedical research. NASA was closely tracking Scott's physical and emotional changes, and his biological functions, down to the molecular level while he was in orbit. The agency hoped to identify precisely what changes happened to Scott as a result of 12 months in space by comparing him to his identical twin, Mark, on Earth.

The film tells the story of what it takes to spend a year in space and then, using what NASA has learned from the Kelly brothers, what it means for humanity as we journey to Mars and beyond. The immediate future of human space exploration rested on how Kelly functioned in his year in space. For NASA, for Scott Kelly and his family, for the tantalizing prospect of human trip to Mars in our lifetime, the stakes of this expedition couldn't have been higher.

The documentary also delves into the broader historical context of the mission, including the history of space exploration, the political background of the Russian-U.S. relationship—Scott's compatriot at the start of the mission is Russian astronaut Mikhail Korniyenk—and the science and engineering conundrums posed by interplanetary space travel.

Also Available: *Beyond a Year in Space* 1x54 HD

171051

CREDITS

Directors: Jon Halperin, Shaul Schwarz

Producer: Jonathan D. Woods

Producer, Writer: Jon Halperin

Image: Shutterstock.com/ixpert (background); NASA



PBS.
INTERNATIONAL